



DEPARTMENT OF THE AIR FORCE
30TH SPACE WING (AFSPC)

10 December 2002

MEMORANDUM FOR DISTRIBUTION

FROM: 30RANS/DOUS

SUBJECT: WESTERN RANGE HISTORICAL REPORT 01 OCT 2001 THROUGH 30 SEP 2002

Part I. OPERATIONS SUMMARY:

During fiscal year "02" Oct 2001 through 30 Sep 2002 the MOCC coordinated 22113 schedule changes against 7377 Operations scheduled at the Western Range.

Recap of the operations schedule for FY 02 by category:

<u>Operations Category</u>	<u>Scheduled</u>
Planned Maintenance	1128
DLM Maintenance	22
Unplanned Maintenance Ops Cap Red	138
Unplanned Maintenance Ops Cap Yellow	184
System Modifications	221
OT&E Testing	101
Institutional Testing	1385
Batch Processing	263
Range Tours	390
Training	679
Data Production Non-launch related	33
Eastern Range Support Space lift	59
Edwards AFB Support Aeronautical	586
NAWC Pt. Mugu support Aeronautical	99
Western Range Customers Support Space lift	921
Western Range Customers Support Ballistic	1174
Western Range Customers Support General Aeronautical	1072
Western Range Customers Support Other	366

Part II. ASSOCIATED OPERATIONS SUMMARY FOR FY 1997 THROUGH 2002

Below is a recap of operations scheduled in support of Range customer's requirements for FY 1997 through 2002. Category "Other Support" covers host base activities supporting operations not directly related to any specific mission. Aeronautical support covers all operation scheduled on the WR that required area clearance. Does not include associated operations for re/post launch support still in process.

	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
Space lift	1663	1853	1527	1976	873	921
Ballistic	1012	1148	668	1563	755	1174
Aeronautical	751	741	422	544	663	1756
Other Support	<u>478</u>	<u>605</u>	<u>307</u>	<u>222</u>	<u>228</u>	<u>366</u>
Total	3904	4347	2924	4305	2519	4217

PART III. WESTERN RANGE MAINTENANCE SUMMARY:

During FY 2002 the Maintenance Operations Coordination Center (MOCC) coordinated, de-conflicted and scheduled 2066 maintenance actions of which 322 were for unplanned corrective maintenance. There were 51 maintenance actions deleted by the customer with 96 percent of all maintenance actions scheduled through the MOCC were completed.

Recap of maintenance actions by quarter:

	<u>Oct-Dec</u>	<u>Jan-Mar</u>	<u>Apr-Jun</u>	<u>Jul-Sep</u>
Scheduled	392	368	323	338
Unscheduled	102	73	192	107
Modifications	<u>20</u>	<u>60</u>	<u>60</u>	<u>31</u>
Totals	514	501	575	476

Part V. WESTERN RANGE LAUNCH SUMMARY:

The Western Range supported 15 launches (6 Spacelift & 9 Ballistic) during FY 2002. There were 20 launch counts that required manning by Air Force and contractor personnel. Additionally there were 28 reschedules and 64 additional requests that required 30 RANS/DOUS coordination and CLSRB approval. Below is a breakdown of launches with the number of associated operations, counts, and reschedules required for each mission.

Recap of launches with the number of counts/reschedules required for each:

	<u>DATE</u>	<u>OP NUMBER / TYPE/PAYLOAD</u>	<u>ASSOC OPS</u>	<u>LAUNCH COUNTS</u>	<u>OP RESCHEDULES</u>
*	05-OCT-2001	W6331 LAUNCH TITAN IV B34	30	1	4
*	18-OCT-2001	W3439 LAUNCH DELTA II QUICKBIRD-2	38	1	0
	07-NOV-2001	W7688 MM III LAUNCH GT-176-GM	119	1	3
	03-DEC-2001	W6146 MM2 MSLS IFT-7	71	3	3
*	07-DEC-2001	W0684 LAUNCH DELTA II JASON-TIMED	89	1	0
	13-DEC-2001	W4725 BOOSTER VERIF TEST (BV-3)	24	1	0
*	11-FEB-2002	W0285 LAUNCH DELTA II IS-1	74	4	3
	15-MAR-2002	W2214 MM2 OSP/TLV-2 - IFT-8	90	1	0
	08-APR-2002	W7803 LAUNCH GT-178-GM MMIII	97	1	0
*	04-MAY-2002	W3115 LAUNCH DELTA II AQUA	84	1	4
	03-JUN-2002	W0606 PEACEKEEPER LAUNCH{GT-31PA}	160	1	6
	07-JUN-2002	W5724 LAUNCH MMIII GT-179-GB	96	1	2
*	24-JUN-2002	W2567 LAUNCH TITANII NOAA-M	127	1	0
	17-JUL-2002	W2550 MM III LAUNCH GT-177-GM	77	1	3
	19-SEP-2002	W3916 MM III LAUNCH GT-180 GM	85	1	0

*Spacelift Operations

PART IV. FORECAST SCHEDULE:

The following Western Range launches are forecasted for FY 2003:

<u>Vehicle</u>	<u>Launches</u>
MM III	3
PK	1
ATLAS	1
DELTA	3
TITAN II	2
MM II	2
PEGASUS	3
BV	1
OTHER	1

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